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WASHINGTON, D.C. 20231
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Bib Data Sheet

CONFIRMATION NO. 4937

SERIAL NUMBER 10/036,831	FILING DATE 12/21/2001 RULE	CLASS 455	GROUP ART UNIT 2684 2685	ATTORNEY DOCKET NO. TI-29513
APPLICANTS Stanley J. Goldman, Dallas, TX;				
** CONTINUING DATA ***** <i>None.C.C.</i>				
** FOREIGN APPLICATIONS ***** <i>None.C.C.</i>				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 01/31/2002				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and <u>C.C.HOW</u> <u>C.C.</u> Acknowledged Examiner's Signature Initials		STATE OR COUNTRY TX	SHEETS DRAWING 11	TOTAL CLAIMS 16
				INDEPENDENT CLAIMS 2
ADDRESS 23494				
TITLE Fully integrated low noise multi-loop synthesizer with fine frequency resolution for HDD read channel and RF wireless local oscillator applications				
FILING FEE RECEIVED 740	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	



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35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature <u>C. CHOW</u> Initials <u>C.C.</u>	TX	11	16	2

ADDRESS

23494
TEXAS INSTRUMENTS INCORPORATED
P O BOX 655474, M/S 3999
DALLAS, TX
75265

TITLE

Fully integrated low noise multi-loop synthesizer with fine frequency resolution for HDD read channel and RF wireless local oscillator applications

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